We have diverse sponsorship and programs:

FORCEnet Architecture
FORCEnet Experiementation
Task Force Web
C4I Support Plans
Over the Horizon – Targeting testing
Joint Interoperability Testing

Distributed Engineering Plant Network Operations Center (DEP NOC)
New Platform C4I Architecture - DD(X), CVN-21, MPF(F), LHA(R)
Naval Fires Control System (NFCS)

Advanced C4I Technologies:
Active and High Confidence Networks
Information Assurance Tools
Trans-lingual Information Detection and Extraction System (TIDES)
Distributed collaboration and decision making

We have unique facilities:

Reconfigurable Land-Based Test Site (RLBTS):

Capabilities:

--End-to-end integration testing for products from SPAWAR and other commands

--C4ISR Node for Navy DEP Battle Force Interoperability Tests (BFIT)

--Validation of system integration and product capabilities prior to shipboard installation

Distributed Engineering Plant Network Operations Center (DEP NOC):

Capabilities:

--State-of-the-Art network operations and engineering for Navy DEP

--Secure interconnection of over 10 sites across SPAWAR, NAVSEA, and NAVAIR facilities

--Testing support to ensure interoperable weapons and C4ISR systems for deploying Battle Groups

--Network technology evaluation for DEP

We have talented people with a wide range of technical expertise

Code 241's staff includes approximately 90 Scientists and Engineers, more than 30 of whom have advanced degrees.

Over 40% of staff members have more than 20 years of experience in command control and related technologies.

We have national reputation and recognition for delivering quality products, capabilities, and expertise in the following areas:

- collaboration,
- integration,
- interoperability,
- end-to-end testing,
- experimentation,
- systems engineering,
- systems architecture,
- advanced C2 technologies (primarily DARPA-sponsored),
- new platform and shore-based C4I architecture

Mission:

We provide advanced concepts and engineering solutions to meet the challenges of, and provide evolutionary capabilities for the Joint warfighter through aggressive R&D in the areas of:

- Collaborative information management
- Systems Engineering and architecture
- Interoperability experimentation and test

We do this by:

- Understanding and evaluating technologies that will be needed for future systems
- Understanding needs and operational environments of warfighters
- Engineering and designing candidate systems and components
- Rapidly developing integrated, operational prototypes for experimentation and evaluation
- Facilitating technology transition

Information/Contacts

We are part of the Command and Control Department whose Vision is:

To be the nation's pre-eminent provider of integrated Command and Control solutions for warrior information dominance

The Department is part of Space & Naval Warfare Systems Center San Diego whose Mission is:

To be the Navy's full spectrum RDT&E, engineering and Fleet support center for C3 systems and ocean surveillance, and the integration of those systems which overarch multiplatforms.

How to reach us:

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Reviewed and approved by

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SD 504
September 2003

SPAWAR Systems Center San Diego

ADVANCED CONCEPTS & ENGINEERING DIVISION

SSC SD Code 241

C2 Dominate the battlespace@knowledge.power.mil

Vision: We are leaders in command control technology development and transformation to enhance capabilities for the Joint warfighter.